

a biopolymer,

wherein said product is capable of directly coating a surface of a substrate.

Please substitute the following claim 4 for the currently pending claim 4:

4. (Once amended) The coating composition of claim 1, wherein said functional group is an isocyanate.

Please substitute the following claim 5 for the currently pending claim 5:

5. (Once amended) The coating composition of claim 4, wherein said biopolymer is heparin-tridodecylmethylammonium chloride.

Please substitute the following claim 6 for the currently pending claim 6:

6. (Once amended) The coating composition of claim 1, wherein said biopolymer is a complex selected from the group consisting of heparin-tridodecylmethylammonium chloride, heparin-benzalkonium chloride, heparin-stearalkonium chloride, heparin-poly-N-vinyl-pyrrolidone, heparin-lecithin, heparin-didodecyldimethylammonium bromide, heparin-pyridinium chloride, and heparin-synthetic glycolipid complex.

Please substitute the following claim 7 for the currently pending claim 7:

7. (Once amended) The coating composition of claim 1, wherein said biopolymer has hydroxyl or amine functional groups.

Please substitute the following claim 8 for the currently pending claim 8:

8. (Once amended) The coating composition of claim 1, wherein said biopolymer comprises heparin.

Please substitute the following claim 9 for the currently pending claim 9:

9. (Once amended) The coating composition of claim 7, wherein said biopolymer is provided in a form capable of dissolving in an organic solvent.

Please substitute the following claim 10 for the currently pending claim 10:

10. (Once amended) The coating composition of claim 1, wherein the biopolymer provides thromboresistance.

Please substitute the following claim 11 for the currently pending claim 11:

11. (Once amended) The coating composition of claim 1, wherein said biopolymer is heparin-tridodecylmethylammonium chloride.

Please substitute the following claim 12 for the currently pending claim 12:

12. (Once amended) The coating composition of claim 1, further comprising at least one additive selected from the group consisting of wetting agents, surface active agents and film forming agents.

Please substitute the following claim 13 for the currently pending claim 13:

13. (Once amended) The coating composition of claim 1, wherein the silane has an organic chain between isocyanate and silane functional groups.